

010155



Dart Aerospace Ltd.
1270 Aberdeen St
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Canada

Tel (613) 632-5200
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C45

Job Sheet 193394



Part No: C45

Job Qty: 1 pcs

Part Name: C-Series Remote Hook 4,500 lbs Lift Capacity

Order 14952



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/12/19

Job Tracking No:

Due Date: 5/24/19

Created By: Jennifer Renwick

Type: SOLD

Description:

Note: C45 REV.2 IPP REV:A 18.01.29 NEW ISSUE DD VER:F:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	External Load - 1	1 pcs	5/24/19		0.00	3.33	External Load - 1		Michael
							External Load - 2		
							External Load - 3		
110	External Load - 2 - B4B	1 pcs	5/24/19		0.00	3.33	External Load - 1 - B4B		Michael
							External Load - 2 - B4B		
							External Load - 3 - B4B		
120	QC 5	1 pcs	5/24/19		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
130	Packaging 3-2 - Stock - B4B	1 pcs	5/24/19		0.00	0.00	Packaging 3 - 1 - B4B		
							Packaging 3 - 2 - B4B		
							Packaging 3 - 3 - B4B		
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		
							Packaging 3 - 6 - B4B		
							Packaging 3 - 7 - B4B		
							Packaging 3 - 8 - B4B		
							Packaging 3 - 9 - B4B		
							Packaging 3 - 10 - B4B		
							Packaging 3 - 11 - B4B		
							Packaging 3 - 12 - B4B		
							Packaging 3 - 13 - B4B		
							Packaging 3 - 14 - B4B		
							Packaging 3 - 15 - B4B		
							Packaging 3 - 16 - B4B		
							Packaging 3 - 17 - B4B		
							Packaging 3 - 18 - B4B		
							Packaging 3 - 19 - B4B		



Container No: S186735



Part: C45

Job No: 193394

Serial No/Batch: S186735

Revision: C

Inspector:

Exp Date:

Instructions:

Date: 06/03/19

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				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	246
140	QC 21 - SA	1 pcs	5/24/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

Part Op 100 - 1- PICK C45-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3. 2- ASSEMBLE AS
 Descriptions: PER DWG 3- PERFORM ALL NECESSARY TEST USING FAI TEST SHEET.
 110 - 1- PICK C45-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3. 2- ASSEMBLE AS
 PER DWG 3- PERFORM ALL NECESSARY TEST USING FAI TEST SHEET.
 120 - (QC5- Inspect part completeness to step on W/O)
 130 - Identify as per dwg & Stock Location: _____
 140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1/4-20-3/8	Set Screw	2 Ea (2 ea)	100-External Load - 1	5048557-1
188-FSCS-1032-5/8	Flat socket cap Screw	4 Ea (4 ea)	110-External Load - 2 - B4B	5179122
32448	16-14 AWG Knife Connector	2 Ea (2 ea)	110-External Load - 2 - B4B	5151100
600.1309-A	Label	1 pcs (1 ea)	110-External Load - 2 - B4B	5136 710
600.1312	Caution Sticker	1 pcs (1 ea)	110-External Load - 2 - B4B	5184239
7856K75	Heat Shrink Tubing Color Black	.5000 ft (.5 ea)	110-External Load - 2 - B4B	5096187
AN4-23A	Bolt	2 Ea (2 ea)	110-External Load - 2 - B4B	F123 434-1
AN5-21A	Bolt	4 Ea (4 ea)	110-External Load - 2 - B4B	5097081-1
C10-41	Strain Relief Connector	1 Ea (1 ea)	110-External Load - 2 - B4B	5083 917
C2-14-2	Label Rivets	2 Ea (2 ea)	110-External Load - 2 - B4B	5040 661
C45-1-1	Manual Knob Release	1 pcs (1 ea)	110-External Load - 2 - B4B	5165 654
C45-10-1	Lock Spring Pin	1 Ea (1 ea)	110-External Load - 2 - B4B	5040 658
C45-10-2	Lock Spring	1 pcs (1 ea)	110-External Load - 2 - B4B	5177837
C45-11-1	Sideplate, Solenoid Side	1 pcs (1 ea)	110-External Load - 2 - B4B	5164 685
C45-11-2	Locating Pin	2 Ea (2 ea)	110-External Load - 2 - B4B	5175 994
C45-12-1	Lock Bushing	2 pcs (2 ea)	110-External Load - 2 - B4B	5163187
C45-12-2	Lock Shaft	1 pcs (1 ea)	110-External Load - 2 - B4B	5163 665
C45-12-3	Lock	1 pcs (1 ea)	110-External Load - 2 - B4B	5083337
C45-12-4	Lock Roller	1 pcs (1 ea)	110-External Load - 2 - B4B	5108073
C45-12-5	Lock Roller Pin	1 pcs (1 ea)	110-External Load - 2 - B4B	5093 171
C45-12-6	Retaining Ring	2 Ea (2 ea)	110-External Load - 2 - B4B	5029 303
C45-13-1	Keeper Bushing	2 pcs (2 ea)	110-External Load - 2 - B4B	5182 323
C45-13-2	Teflon Keeper, Spacer	2 Ea (2 ea)	110-External Load - 2 - B4B	5029 305
C45-13-3	Keeper Shaft	1 pcs (1 ea)	110-External Load - 2 - B4B	5170189

P	C45-13-4	Keeper	1 pcs (1 ea)	110-External Load - 2 - B4B	5170638
P	C45-13-5	Keeper Spring	1 pcs (1 ea)	110-External Load - 2 - B4B	5172439
	C45-2-1	Sideplate - MRK	1 pcs (1 ea)	110-External Load - 2 - B4B	5164654
	C45-3-1	Radial Bearing	2 Ea (2 ea)	110-External Load - 2 - B4B	5097909
	C45-3-10	Latch Shaft	1 pcs (1 ea)	110-External Load - 2 - B4B	5041144
	C45-3-11	Actuator	1 pcs (1 ea)	110-External Load - 2 - B4B	5175232
	C45-3-12	Latch Roller Bearing	1 Ea (1 ea)	110-External Load - 2 - B4B	5097903
	C45-3-2	Latch Roller Pin	1 pcs (1 ea)	110-External Load - 2 - B4B	5029316
	C45-3-2-1	Snap Ring	2 Ea (2 ea)	110-External Load - 2 - B4B	5029317
	C45-3-3	Latch Roller	1 pcs (1 ea)	110-External Load - 2 - B4B	5127763
	C45-3-4	Pin	2 pcs (2 ea)	110-External Load - 2 - B4B	5133668
	C45-3-4-1	Retaining Ring	4 Ea (4 ea)	110-External Load - 2 - B4B	5114803
	C45-3-5	Teflon Spacer	2 Ea (2 ea)	110-External Load - 2 - B4B	5029321
	C45-3-6	Latch	1 pcs (1 ea)	110-External Load - 2 - B4B	5165726
	C45-3-7	Link	1 pcs (1 ea)	110-External Load - 2 - B4B	5029322
	C45-3-8A	Actuator Shaft Bushing	1 pcs (1 ea)	110-External Load - 2 - B4B	5078570
	C45-3-8B	Actuator Shaft Bushing	1 pcs (1 ea)	110-External Load - 2 - B4B	5163197
	C45-3-9	Lever Spring	1 pcs (1 ea)	110-External Load - 2 - B4B	5089520
	C45-4-1	Trunnion Bushing	2 pcs (2 ea)	110-External Load - 2 - B4B	5163245
	C45-4-4A	C45 Load Beam Assembly	1 pcs (1 ea)	110-External Load - 2 - B4B	5166206
	C45-4-5	Loadbeam Spacer	1 pcs (1 ea)	110-External Load - 2 - B4B	5163562
	C45-5-1	Lever Stop Pin	1 Ea (1 ea)	110-External Load - 2 - B4B	5089113
	C45-5-2	Lever Stop	1 pcs (1 ea)	110-External Load - 2 - B4B	5175808
	C45-7-1	LOADBEAM BUMPER	1 pcs (1 ea)	110-External Load - 2 - B4B	5177835
	C45-7-2	Lock Bumper	2 pcs (2 ea)	110-External Load - 2 - B4B	5165810
	C45-8-1-2	Solenoid Nut	2 pcs (2 ea)	110-External Load - 2 - B4B	5163995
	C45-8-2	Solenoid	1 pcs (1 ea)	110-External Load - 2 - B4B	5186638
	C45-8-4	Solenoid Cover Gasket	1 pcs (1 ea)	110-External Load - 2 - B4B	5171779
	C45-8-5	Solenoid Cover	1 pcs (1 ea)	110-External Load - 2 - B4B	5172164
	C45-9-1	Clock Spring Cover	1 pcs (1 ea)	110-External Load - 2 - B4B	5167968
	C45-9-2	Clock Spring	1 pcs (1 ea)	110-External Load - 2 - B4B	5107946
	EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	110-External Load - 2 - B4B	5175987
	EL314-SJTOW	Long Line Electrical Wire, 14/3 Gauge replace w/t 01004-08-047	1 ft (1 ea)	110-External Load - 2 - B4B	5179682
	MS21044N5	Nut	4 Ea (4 ea)	110-External Load - 2 - B4B	5097089
	MS27039-4-08	Screw	1 Ea (1 ea)	110-External Load - 2 - B4B	5097087-1
	NAS1149F0463P	Washer	3 Ea (3 ea)	110-External Load - 2 - B4B	5097088-2
	NAS1149F0563P	Washer	8 Ea (8 ea)	110-External Load - 2 - B4B	5184942

Lactite : 242 (M138933)
 Lactite : 620 (5166705)
 Aeroshell grease NO.7 (5138964)

Saf-T-eye (M128063)

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-External Load - 1	188-FPSS-1/4-20-3/8	2	100	0
	188-FSCS-1032-5/8	4	142	0
110-External Load - 2 - B4B	32448	2	217	0
	600.1309-A	1	93	0
	600.1312	1	17	0
	7856K75	1	27	0
	AN4-23A	2	686	0
	AN5-21A	4	356	0
	C10-41	1	29	0
	C2-14-2	2	180	0
	C45-1-1	1	15	0
	C45-10-1	1	162	0
	C45-10-2	1	11	0
	C45-11-1	1	10	0
	C45-11-2	2	39	0
	C45-12-1	2	26	0
	C45-12-2	1	23	0
	C45-12-3	1	11	0
	C45-12-4	1	19	0
	C45-12-5	1	46	0
	C45-12-6	2	112	0
	C45-13-1	2	0	0
	C45-13-2	2	66	0
	C45-13-3	1	32	0
	C45-13-4	1	18	0
	C45-13-5	1	0	0
	C45-2-1	1	14	0
	C45-3-1	2	121	0
	C45-3-10	1	9	0
	C45-3-11	1	13	0
	C45-3-12	1	84	0
	C45-3-2	1	0	0
	C45-3-2-1	2	93	0
	C45-3-3	1	25	0
	C45-3-4	2	58	0
	C45-3-4-1	4	157	0
	C45-3-5	2	97	0
	C45-3-6	1	24	0
	C45-3-7	1	0	0
	C45-3-8A	1	28	0
	C45-3-8B	1	15	0
	C45-3-9	1	29	0
	C45-4-1	2	26	0
	C45-4-4A	1	10	0
	C45-4-5	1	19	0
	C45-5-1	1	44	0
	C45-5-2	1	0	0
	C45-7-1	1	16	0
	C45-7-2	2	24	0
	C45-8-1-2	2	33	0
	C45-8-2	1	6	0
	C45-8-4	1	27	0
	C45-8-5	1	20	0
	C45-9-1	1	17	0
	C45-9-2	1	45	0
	EL-PLUG-M	1	40	0
	EL314-SJTOW	1	0	0
	MS21044N5	4	81	0
	MS27039-4-08	1	227	0
	NAS1149F0463P	3	509	0
	NAS1149F0563P	8	373	0
Part Specifications				
Specifications could not be found.				

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Remote Cargo Hook Test Form

C45

Work Order

193394

Customer

14952

Serial Number

S186735

Date

2019-6-4

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	11,250	Static Hold	Hold for two Minutes and reduce load to zero	N/A	Pass
10	2,250	Electrical, 25 volts	No "hang ups" permitted	N/A	Pass
2	4,500	Electrical, 22 volts	Current shall not exceed 12.4A	9.2 A	Pass
2	3,500	Electrical, 22 volts	Current shall not exceed 12.4A	9.0 A	Pass
2	2,500	Electrical, 22 volts	Current shall not exceed 12.4A	8.8 A	Pass
2	1,500	Electrical, 22 volts	Current shall not exceed 12.4A	8.7 A	Pass
2	500	Electrical, 22 volts	Current shall not exceed 12.4A	8.6 A	Pass
1	4,500	Electrical, 20 volts	Current shall not exceed 11.3A	7.7 A	Pass
1	4,500	Electrical, 28 volts	Current shall not exceed 15.8A	10.0 A	Pass
1	4,500	Manual		N/A	Pass
1	4,500	Impact Test	Impact shackle 10 times, shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	2.0 Ohms	Pass
1	N/A	Electrical Continuity	Across both wires	N/A	Pass

Test Conducted By:

Michel Lalonde

Technician

Submit

Signature:

Sylvie Bouchard

QC 5 Small FAB / QA